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DE Borth, IA Gerson, RJ Vilmer - US Patent 4,737,976, 1988 - Google Patents

... is utilized in a vehicular environment, the high degree of ambient noise inherent in a vehicle presents a considerable problem to reliable voice control. ...

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[Voice control of the pan-European digital mobile radio system](#)
CB Southcott, D Freeman, G Cosier, D Sereno, A van ... - Global Telecommunications Conference, 1989, and Exhibition. ..., 1989 - [ieeexplore.ieee.org](#)

... at the transmitting end by a voice activity detector ... superimposed on environmental noise and noise without speech ... of the VAD is used to control a transmitter ...

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K Srinivasan, A Gersho - Speech Coding for Telecommunications, 1993. Proceedings., ..., 1993 - [ieeexplore.ieee.org](#)

... A voice activity detector (VAD) typically exploits two kinds ... two VADs, so that the control switches back ... performance in a high noise environment The basic ...

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[Method for entering digit sequences by voice command](#) - [all 4 versions »](#)

IA Gerson, BL Lindsley - US Patent 4,870,686, 1989 - Google Patents

... able obstacle to reliable voice control. ... sensitivity causes a large increase in the amount of environmental background noise being applied to the ...

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[Voice activity detection driven noise remediator](#) - [all 4 versions »](#)

TJ Janiszewski, MC Recchione - US Patent 5,657,422, 1997 - Google Patents

... which has been encoded in a noisy environment. ... nWJ Speech Attenuator/ Comfort Noise Inserter ^270 ... PUBLICATIONS CB Southcott, et al., "Voice Control of the Pan ...

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[The voice activity detector for the Pan-European digital cellular mobile telephone service](#) - [all 2 versions »](#)
DK Freeman, G Cosier, CB Southcott, I Boyd - Acoustics, Speech, and Signal Processing, 1989. ICASSP-89., ..., 1989 - [ieeexplore.ieee.org](#)

... Voice Activity Detector Renault R25 GTX. ... microphone is more sensitive to the background noise and secondly ... on the handsfree condition due to the volume control. ...

[Cited by 69](#) - [Related Articles](#) - [Web Search](#)
[Study of a voice activity detector and its influence on a noise reduction system](#) - [all 4 versions »](#)

R Le Bouquin-Jeannès, G Faucon - Speech Communication, 1995 - Elsevier

... The Voice Activity Detector based on the MSC approach provides information on signal presence and allows to control the noise reduction system. ...

[Cited by 40](#) - [Related Articles](#) - [Web Search](#)
[Voice activity detector for speech signals in variable background noise](#) - [all 8 versions »](#)

PK Gupta, S Jangi, AB Lamkin, WR Kopley III, AJ ... - US Patent 5,649,055, 1997 - Google Patents
... first frequency, and updates the **voice** signal parameter ... update time constant for
control -ling the ... 15 including background **noise**, the instructions comprising: ...

[Cited by 73](#) - [Related Articles](#) - [Web Search](#)

[PDF] [Virtual Environment Interaction Techniques](#) - [all 11 versions »](#)

M Mine - UNC Chapel Hill Computer Science Technical Report TR95-018, 1995 - cvmt.dk
... him through the virtual world under program **control**. ... **selection**: As an alternative
to **voice** recognition, some ... distance selection that result from **noise** in the ...

[Cited by 146](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

[Voice control circuit for a communication terminal](#) - [all 5 versions »](#)

M Walker, G Kohler - US Patent 4,891,837, 1990 - Google Patents
... volume which is approximately equal to the loudness of his own **voice**. ... set point,
is made to vary by a **control** circuit as a func -tion of the ambient **noise**. ...

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[Speech processing in a high ambient noise environment](#)

H Drucker - Audio and Electroacoustics, IEEE Transactions on, 1988 - [ieeexplore.ieee.org](#) ... 1101 I. Pollack, "**Speech** communication at high **noise** levels: the roles of **noise**-operated gain **control** system and hearing protection," J. Acoust. ...

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[Construction of Speech Corpus in Moving Car Environment](#)

N Kawaguchi, S Matsubara, H Iwa, S Kajita, K ... - Sixth International Conference on Spoken Language Processing, 2000 - ISCA ... **de-control** signals, and vehicle location, all synchronized with ... system (ITS), **robust speech** recognition in a high-**noise environment**, and understanding of ...

[Cited by 42](#) - [Related Articles](#) - [Web Search](#)

[\[BOOK\] The Effects of Noise on Man - all 6 versions »](#)

KD Kryter - 1970 - [osti.gov](#)

... and **noise**-induced hearing loss on **speech** communications; damage ... measurements used for the assessment and **control** of **environmental noise**; federal standards ...

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[Hands-free control system for a radiotelephone - all 5 versions »](#)

DE Borth, JA Gerson, RJ Vilmur - US Patent 4,737,976, 1988 - Google Patents ... high background **noise environment**. Controller block 430, consisting of **control** unit 434 and directory memory 432, serves to interface **speech** recognition block ...

[Cited by 98](#) - [Related Articles](#) - [Web Search](#)

[Speech enhancement for non-stationary noise environments - all 12 versions »](#)

I Cohen, B Berdugo - Signal Processing, 2001 - Elsevier

... with the **noise**, and not biased upwards during "continuous" **speech**. ... on the other hand, should **control** the bias downwards when the **noise** level increases ...

[Cited by 38](#) - [Related Articles](#) - [Web Search](#)

[Development of a test of speech intelligibility in noise using sentence materials with controlled ... - all 3 versions »](#)

DN Kalikow, KN Stevens, LL Elliott - The Journal of the Acoustical Society of America, 1977 - [link.aip.org](#) ... and of the transmission of information by **speech** . Acoustics . **Noise**: its effects and **control** . Effects of **noise** on man and society, **environmental noise**

[Cited by 222](#) - [Related Articles](#) - [Web Search](#)

[Analysis and compensation of speech under stress and noise for environmental robustness in speech ... - all 9 versions »](#)

JHL Hansen - **Speech** Communication, 1996 - Elsevier

... per- formed with (ii) **speech** produced under ... conditions allowed for careful **control** of vocabulary, task requirements and background **noise** character- istics ...

[Cited by 80](#) - [Related Articles](#) - [Web Search](#)

[Voice activity detection for cellular networks](#)

K Srinivasan, A Gersho - **Speech** Coding for Telecommunications, 1993. Proceedings., ..., 1993 - [ieeexplore.ieee.org](#)

... energy have difficulty distinguishing between **speech** and **noise** ... two VADs, so that the **control** switches back ... performance in a high **noise environment** The basic ...
[Cited by 50](#) - [Related Articles](#) - [Web Search](#)

[RASTA processing of speech](#) - [all 6 versions »](#)

H Hermansky, N Morgan - **Speech** and Audio Processing, IEEE Transactions on, 1994 - [ieeexplore.ieee.org](#)
... slow change in the frequency characteristics of the communication **environment** or why steady background **noise** does not severely impair human **speech** communication ...
[Cited by 774](#) - [Related Articles](#) - [Web Search](#)

[\[PDF\] Robust speech recognition in additive and convolutional noise using parallel model combination - all 2 versions »](#)

MJF Gales, SJ Young - Computer **Speech** and Language, 1995 - [ai.korea.ac.kr](#)
... it is not possible to **control** the acoustic ... inherently robust parameters for **speech**; **speech** enhancement techniques ... and model-based **noise** compensation techniques. ...
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JD Reed, RM Harrison, WJ Rozanski Jr - US Patent 5,371,901, 1994 - Google Patents

... Now when the portable is used outside the **car** to ... under the **control** of the microprocessor controller 440, ters of the voice **recognition system** to enhance the 10 ...[Cited by 49 - Related Articles - Web Search](#)[Voice as sound: using non-verbal voice input for interactive **control** - all 11 versions »](#)

T Igarashi, JF Hughes - Proceedings of the 14th annual ACM symposium on User ... 2001 - portal.acm.org

... An Intelligent Interface for Keyboard and Mouse **Control**--Providing Full ... M.,Waibel,A. Towards Spontaneous **Speech Recognition** For On-Board Car Navigation And ...[Cited by 41 - Related Articles - Web Search](#)[Neural-Network-Based Fuzzy Logic **Control and Decision System** - all 6 versions »](#)

CT Lin, CSG Lee - IEEE Transactions on Computers, 1991 - portal.acm.org

... M. Nishida, "Fuzzy **control** of model **car**," Fuzzy ... for nonlinear self-tuning adaptive **control**," Proc. ... networks and fuzzy logic in **speech recognition**," in <i>...[Cited by 556 - Related Articles - Web Search](#)[Linguatronic product-level **speech system** for Mercedes-Benz cars - all 3 versions »](#)

P Heisterkamp - Proceedings of the first international conference on Human ... 2001 - portal.acm.org

... will have **speech control** as an option, and, in our ... 2000): Feds fear high-tech **car gear**. ... J. (2000): Automakers struggle with **speech recognition technology** (03 ...[Cited by 27 - Related Articles - Web Search](#)[Real-time reconfigurable adaptive **speech recognition command and control apparatus and method** - all 4 versions »](#)

GA Salazar, DS Haynes, MJ Sommers - US Patent 5,774,841, 1998 - Google Patents

... An adaptive **speech recognition and control system** and method for controlling various mechanisms and systems in response to spoken instructions and in which ...[Cited by 44 - Related Articles - Web Search](#)[Construction of **Speech Corpus** in Moving Car Environment](#)

N Kawaguchi, S Matsubara, H Iwa, S Kajita, K ... - Sixth International Conference on Spoken Language Processing, 2000 - ISCA

... collecting **speech corpora** in moving cars which are ... cle-**control** signals, and vehicle location, all synchronized ... system (ITS), ro- bust **speech recognition** in a ...[Cited by 42 - Related Articles - Web Search](#)[SWITCHBOARD: telephone **speech corpus** for research and development - all 2 versions »](#)

JJ Godfrey, EC Holliman, J McDaniel - Acoustics, **Speech**, and Signal Processing, 1992. ICASSP-92, ..., 1992 - [ieeexplore.ieee.org](#)

... to ten minutes' duration, **car-**ried on ... in both speaker authentication and **speech recognition** for telephone ... col-lected under computer **control**, without human in ...

[Cited by 579](#) - [Related Articles](#) - [Web Search](#)

[Towards Spontaneous **Speech Recognition** for On-Board **Car** Navigation and Information Systems](#)
- [all 6 versions »](#)

M Westphal, A Waibel - ... European Conference on **Speech** Communication and Technology, 1999 - ISCA

... The first **speech** based approach to include other **control** functions like selecting the radio ... Compared to continuous **speech**, the **recognition** process is ...

[Cited by 17](#) - [Related Articles](#) - [Web Search](#)

[PDF] **SPEECH DAT CAR**. A Large **Speech** Database For Automotive Environments - [all 3 versions »](#)

A Moreno, B Lindberg, C Draxler, G Richard, K ... - Corpus - perso.enst.fr

... To obtain an optimal performance for **speech recognition**, it is necessary ... languages and for in-**car** applications (voice dialling, **car** accessories **control**, etc ...

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